

Product data sheet

Specifications



Miniature circuit breaker (MCB),
Acti9 iC60H, 3P, 16A, D curve,
10000A (IEC/EN 60898-1), 15kA
(IEC/EN 60947-2)

A9F85316

**Product availability: Non-Stock - Not normally stocked in
distribution facility**

Main

Range	Acti9
Product name	Acti9 iC60
Product or Component Type	Miniature circuit-breaker
Device short name	iC60H
Device Application	Distribution
Poles description	3P
Number of protected poles	3
Line Rated Current	16 A
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	D
Utilisation category	Category A EN/IEC 60947-2
Suitability for isolation	Yes EN/IEC 60947-2 Yes EN/IEC 60898-1
Standards	EN/IEC 60947-2 EN/IEC 60898-1

Complementary

Network Frequency	50/60 Hz
[Ue] rated operational voltage	12...133 V AC 50/60 Hz 220...240 V AC 50/60 Hz 380...415 V AC 50/60 Hz 440 V AC 50/60 Hz <= 180 V DC
Magnetic tripping limit	12 x In +/- 20 %
Breaking capacity	42 kA Icu 12...133 V AC 50/60 Hz EN/IEC 60947-2 30 kA Icu 220...240 V AC 50/60 Hz EN/IEC 60947-2 15 kA Icu 380...415 V AC 50/60 Hz EN/IEC 60947-2 10 kA Icu 440 V AC 50/60 Hz EN/IEC 60947-2 15 kA Icu <= 180 V DC EN/IEC 60947-2 10000 A Icn 400 V AC 50/60 Hz EN/IEC 60898-1
[Ics] rated service breaking capacity	21 kA 50 % x Icu at 12...133 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 kA 50 % x Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 7.5 kA 50 % x Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 5 kA 50 % x Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 kA 100 % x Icu at <= 180 V DC conforming to EN/IEC 60947-2
Limitation class	3 EN/IEC 60898-1

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[Ui] rated insulation voltage	500 V AC 50/60 Hz EN/IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kVEN/IEC 60947-2
Contact position indicator	Yes
Control Type	Toggle
Local signalling	Trip indicator
Mounting Mode	Clip-on Removable comb busbar installed
Mounting Support	35 mm DIN rail
Comb busbar and distribution block compatibility	Top or bottom YES
Connection pitch	0.7 in (18 mm) between phases
9 mm pitches	6
Height	3.3 in (85 mm)
Width	2.1 in (54 mm)
Depth	3.09 in (78.5 mm)
Product Weight	0.827 lb(US) (0.375 kg)
color	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Single terminal (top or bottom) , for 1 cable(s) , 0.002...0.04 in² (1...25 mm²), rigid, copper Single terminal (top or bottom) , for 1 cable(s) , 0.002...0.02 in² (1...16 mm²), flexible, copper Single terminal (top or bottom) , for 1 cable(s) , 0.002...0.02 in² (1...16 mm²), flexible with ferrule, copper Single terminal (top or bottom) , for 1.0 cable(s) , flexible, copper or aluminium, with ring terminal and accessory
Wire stripping length	0.6 in (14 mm) for top or bottom connection
Tightening torque	17.7 lbf.in (2 N.m) top or bottom
Earth-leakage protection	Separate block

Environment

IP degree of protection	IP20IEC 60529 IP40 modular enclosure class II)IEC 60529
Pollution degree	3 EN/IEC 60947-2
Overvoltage category	IV
Tropicalisation	2 IEC 60068-1
Relative humidity	95 % 131 °F (55 °C)
Operating altitude	0...6561.68 ft (0...2000 m)
Ambient Air Temperature for Operation	-31...158 °F (-35...70 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)

Ordering and shipping details

Category	US10DE200908
Discount Schedule	0DE2
GTIN	3606480083266

Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.165 in (5.500 cm)
Package 1 Width	2.953 in (7.500 cm)
Package 1 Length	3.740 in (9.500 cm)
Package weight(Lbs)	11.898 oz (337.300 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	4
Package 2 Height	3.346 in (8.500 cm)
Package 2 Width	3.937 in (10.000 cm)
Package 2 Length	8.858 in (22.500 cm)
Package 2 Weight	3.089 lb(US) (1.401 kg)
Unit Type of Package 3	S03
Number of Units in Package 3	44
Package 3 Height	11.811 in (30.000 cm)
Package 3 Width	11.811 in (30.000 cm)
Package 3 Length	15.748 in (40.000 cm)
Package 3 Weight	34.864 lb(US) (15.814 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

 Environmental footprint	
Total lifecycle Carbon footprint	42 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	39 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better

 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	26ff71d1-98cf-4280-8725-455b9a6b2fb9
EU RoHS Directive	Compliant
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
Halogen content performance	Product contains halogen above thresholds
PVC free	Yes
Silicon free	No

Use Longer

 Lifetime extension	
Repair	No

Use Again

 Repack and remanufacture	
Recyclability potential, in %	54
Circularity Profile	No need of specific recycling operations
Take-back	No

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Offer Marketing Illustration

Product benefits / Features

Technical Benefits
Acti9 iC60

